

## Message Text

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ORIGIN ARA-10

INFO OCT-01 ISO-00 OES-06 COME-00 ACDA-07 DODE-00 CIAE-00

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FM SECSTATE WASHDC

TO AMEMBASSY MEXICO

AMCONSUL BELIZE

AMEMBASSY BOGOTA

AMEMBASSY GUATEMALA

AMEMBASSY TEGUCIGALPA

AMEMBASSY SAN JOSE

AMEMBASSY KINGSTON

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E.O. 11652:GDS

TAGS: TGEN

SUBJECT: VISIT BY TEAM FROM NATIONAL HURRICANE CENTER

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REF: STATE 092496

1. REFTEL INFORMED POSTS OF FORTHCOMING VISIT (APRIL 25-MAY 4) BY TEAM FROM NATIONAL HURRICANE CENTER IN MIAMI TO CONDUCT BRIEFING ON PLANS FOR TRACKING AND WARNING ON HURRICANES DURING 1976 SEASON.

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2. DURING VISIT IT IS LIKELY THAT QUESTIONS WILL BE RAISED

CONCERNING SEEDING EXPERIMENTS CONDUCTED IN THE PAST (STORM-FURY) AND BEING CONSIDERED BY THE UNDER SECRETARIES COMMITTEE FOR RESUMPTION IN 1978. TO RESPOND TO QUESTIONS ON THIS MATTER THE TEAM HAS BEEN GIVEN THE FOLLOWING GUIDANCE APPROVED BY THE DEPARTMENT:

DURING THE FORTHCOMING CARIBBEAN TOUR BY PERSONNEL OF THE NATIONAL HURRICANE CENTER AND THE NATIONAL HURRICANE AND EXPERIMENTAL LABORATORY THEY WILL BE BRIEFING AND ANSWERING QUESTIONS CONCERNING THEIR PLANS FOR THE 1976 HURRICANE SEASON. IT IS LOGICAL TO EXPECT THAT THEY WILL BE QUERIED CONCERNING STORMFURY. THEY SHOULD CONSIDER THE FOLLOWING GUIDANCE WHEN BRIEFING OR ANSWERING QUESTIONS.

IN THE ROUTINE BRIEFINGS ALL REFERENCES TO CLOUD SEEDING OR STORMFURY WILL BE AVOIDED. IF QUESTIONS CONCERNING HURRICANE SEEDING ARE BROUGHT UP THEY SHOULD BE ANSWERED FACTUALLY. THE LAST SEEDING WAS IN THE 1971 WESTERN ATLANTIC HURRICANE, GINGER.

WE ARE CONTINUING TO DO THEORETICAL RESEARCH AND COMPUTER MODELING. WE DO PLAN TO CONDUCT A FEW OBSERVATIONAL FLIGHTS INTO HURRICANES THIS YEAR, BUT WITH NO SEEDING. NOW THAT OUR NEW AIRCRAFT AND INSTALLATION OF INSTRUMENTATION IS NEARING COMPLETION, WE EXPECT TO MEASURE MANY MORE PARAMETERS AND UNDERSTAND MANY MORE DETAILS CONCERNING THE STRUCTURE OF HURRICANES.

WE ARE UPDATING OUR CIVILIAN FLEET OF METEOROLOGICAL RESEARCH AIRCRAFT BY ACQUIRING TWO NEW HIGHLY INSTUMENTED PAND'S AND EQUIPPING TWO EXISTING C-130'S WITH ADVANCED RESEARCH INSTRUMENTATION. IN ADDITION WE WILL USE ONE NASA CONVAIR 990 WHICH ALSO HAS OUTSTANDING METEOROLOGICAL OBSERVING EQUIPMENT. THIS REFURBISHING HAS TAKEN SEVERAL YEARS. WE HOPE TO BE READY TO RESUME FULL RESEARCH BY 1978.

THE LOCAL OF EXPERIMENTS AND STORM SELECTION CRITERIA ARE STILL BEING STUDIED. ON REACHING THE PLANNING STAGE, WE WILL SEEK THE PARTICIPATION, VIEWS AND COMMENTS OF THE LIMITED OFFICIAL USE

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SCIENTIFIC COMMUNITIES IN INTERESTED COUNTRIES. BEFORE BEGINNNING ACTUAL SEEDING EXPERIMENTATION, CONSULTATION WILL, OR COURSE, BE HELD WITH GOVERNMENTS IN THE REGION. ROBINSON

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